

## ZXDC Antibody

Mouse Monoclonal Antibody [Clone PCRP-ZXDC-2B5]

Catalog No	Format	Size
79364-MSM2-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
79364-MSM2-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
79364-MSM2-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

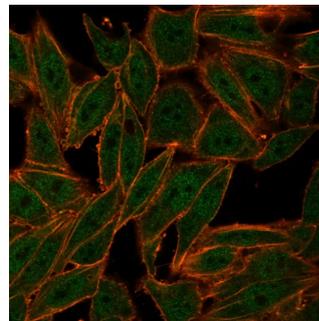
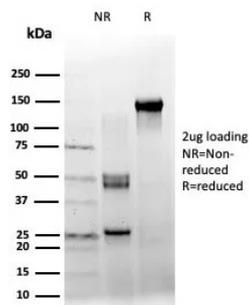
Applications	Tested Dillution	Note
Flow Cytometry (Flow)	1-2ug/million cells	
Immunofluorescence (IF)	1-3ug/ml	
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes

### Product Details

<b>Clone</b>	PCR-2B5
<b>Gene Name</b>	ZXDC
<b>Immunogen</b>	Recombinant full-length human ZXDC protein
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype / Light Chain</b>	IgG1
<b>Mol. Weight of Antigen</b>	90kDa
<b>Cellular Localization</b>	Nucleus.
<b>Species Reactivity</b>	Human
<b>Positive Control</b>	HeLa cells.

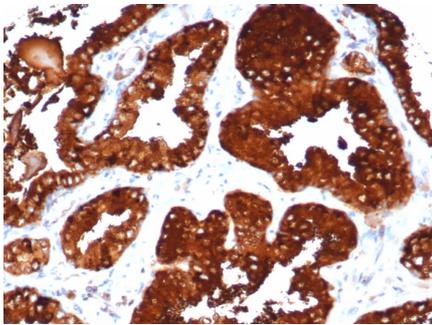
\*Optimal dilution for a specific application should be determined.

### Product Images for ZXDC Antibody

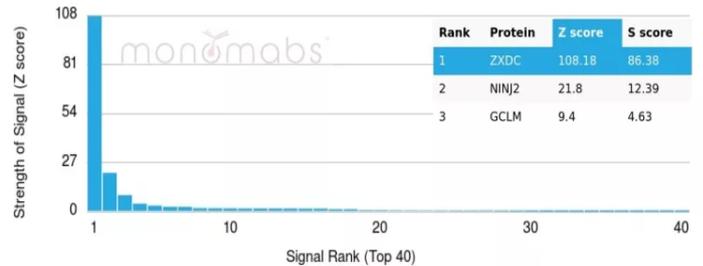


SDS-PAGE Analysis of Purified ZXDC Mouse Monoclonal Antibody (PCR-2B5). Confirmation of Purity and Integrity of Antibody.

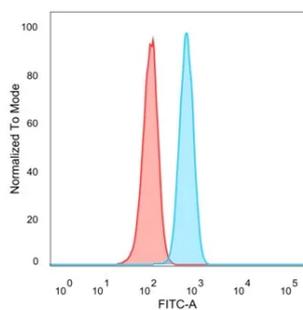
Immunofluorescence Analysis of PFA-fixed HeLa cells stained using ZXDC Mouse Monoclonal Antibody (PCR-2B5) followed by goat anti-mouse IgG-CF488 (green). CF640R phalloidin (red).



Formalin-fixed, paraffin-embedded human prostate stained with ZXDC Mouse Monoclonal Antibody (PCR-P-ZXDC-2B5). HIER: Tris/EDTA, pH9.0, 45min. 2°: HRP-polymer, 30min. DAB, 5min.



Analysis of Protein Array containing more than 19,000 full-length human proteins using ZXDC Mouse Monoclonal (PCR-P-ZXDC-2B5). Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody (MAb) (in combination with a fluorescently-tagged anti-IgG secondary antibody) produces when binding to a particular protein on the HuProt™ array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If targets on HuProt™ are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-score. S-score therefore represents the relative target specificity of a MAb to its intended target. A MAb is considered to specific to its intended target, if the MAb has an S-score of at least 2.5. For example, if a MAb binds to protein X with a Z-score of 43 and to protein Y with a Z-score of 14, then the S-score for the binding of that MAb to protein X is equal to 29.



Flow Cytometric Analysis of PFA-fixed HeLa cells. ZXDC Mouse Monoclonal Antibody (PCR-P-ZXDC-2B5) followed by goat anti-mouse IgG-CF488 (blue); unstained cells (red).

### Specificity & Comments

Enables C2H2 zinc finger domain binding activity; LRR domain binding activity; and transcription coactivator activity. Involved in positive regulation of transcription, DNA-templated. Predicted to be active in nucleus. [provided by Alliance of Genome Resources, Apr 2022] Cooperates with CIITA to promote transcription of MHC class I and MHC class II genes. ?

### Supplied As

200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

### Storage and Stability

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

### Research Areas

Nuclear Marker

### Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.